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## TRANSMITTAL FORM

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Total Number of Pages in This Submission

Application Number	10/802,591
Filing Date	March 17, 2004
First Named Inventor	Noboru Kuriyama
Art Unit	2821
Examiner Name	Minh Dieu A
Attorney Docket Number	SAS2-PT072

### ENCLOSURES (Check all that apply)

- |   |   |  |
|---|---|--|
| <input type="checkbox"/> Fee Transmittal Form<br><input type="checkbox"/> Fee Attached<br><input checked="" type="checkbox"/> Amendment/Reply<br><input type="checkbox"/> After Final<br><input type="checkbox"/> Affidavits/declaration(s)<br><input type="checkbox"/> Extension of Time Request<br><input type="checkbox"/> Express Abandonment Request<br><input type="checkbox"/> Information Disclosure Statement<br><br><input type="checkbox"/> Certified Copy of Priority Document(s)<br><input type="checkbox"/> Reply to Missing Parts/ Incomplete Application<br><input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53 | <input type="checkbox"/> Drawing(s)<br><input type="checkbox"/> Licensing-related Papers<br><input type="checkbox"/> Petition<br><input type="checkbox"/> Petition to Convert to a Provisional Application<br><input type="checkbox"/> Power of Attorney, Revocation<br>Change of Correspondence Address<br><input type="checkbox"/> Terminal Disclaimer<br><input type="checkbox"/> Request for Refund<br><input type="checkbox"/> CD, Number of CD(s) _____<br><input type="checkbox"/> Landscape Table on CD | <input type="checkbox"/> After Allowance Communication to TC<br><input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences<br><input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)<br><input type="checkbox"/> Proprietary Information<br><input type="checkbox"/> Status Letter<br><input type="checkbox"/> Other Enclosure(s) (please identify below): |
|---|---|--|

Remarks

### SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	VOLPE AND KOENIG, P.C.		
Signature			
Printed name	Robert J. Ballarini		
Date	9/22/06	Reg. No.	48,684

### CERTIFICATE OF TRANSMISSION/MAILING

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Signature			
Typed or printed name	Robert J. Ballarini	Date	9/22/06

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**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In the **PATENT APPLICATION** of:

Noboru Kuriyama

**Application No.:** 10/802,591

**Confirmation No.:** 8919

**Filed:** March 17, 2004

**For:** METHOD OF DETECTING AN ARC IN  
A GLOW-DISCHARGE DEVICE AND  
APPARATUS FOR CONTROLLING A HIGH-  
FREQUENCY ARC DISCHARGE

**Group:** 2821

**Examiner:** Minh Dieu A

Our File: SAS2-PT072

Date: September 22, 2006

**REPLY PURSUANT TO 37 C.F.R. §1.111**

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

This Reply is being timely filed in response to the Office Action dated August 25, 2006. Please amend the application without prejudice or disclaimer as follows: